ASUREMENT BOOK

Dimensions				Contents	Reference to last Measurement
Number 3	Length 4	Breadth 5	Depth 6	7	8

Bill no 2 of 4 Final

DOBC/EW/014-15-000035 Dtd 2015

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work .. Improvements to roads and drains near Byravanahalli Extn 810280

Name of Contractor of nature of Agency .. Cauvery Enterprises M. Royal Builders Engineers and

Date of commencement of work .. Bangalore West Div 14

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
	2 W.O.No : 28/08/2015-16 all						
1	Earth work in excavation by manual means in ordinary soil in trenches (including shoring and strutting) not exceeding 1.5m in depth, lead upto 50m and lift upto 1.5m, including dressing of sides and ramming of bottom, including getting out the excavated soil and disposing it within 50m lead as directed by Engineer-in-charge.						
	5th Cross Byravanahalli	1	60.00	0.45	0.40	10.80	
		1	40.00	0.45	0.40	7.20	
	RD	1	60.00	0.45	0.40	10.80	
		1	52.50	0.45	0.40	9.45	
	4th Cross RD	1	60.00	0.45	0.40	10.80	
		1	38.00	0.45	0.40	6.84	
	RD	1	60.00	0.45	0.40	10.80	
		1	44.00	0.45	0.40	7.92	

Chk 29/3/16.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	[illegible] Cuvy 4)	1	60.00	0.45	0.40	10.80	
		1	48.00	0.45	0.40	8.64	
	Rly	1	60.00	0.45	0.40	10.80	
		1	48.00	0.45	0.40	8.64	
	[illegible] Cuvy 4)	1	60.00	0.45	0.40	10.80	
		1	20.00	0.45	0.40	3.60	
	Qtr Ex 24/6/12. Rly	1	60.00	0.45	0.40	10.80	16288/-
		1	28.00	0.45	0.40	5.04	
						143.73	
	Measurements Cancelled		Lumbs 6	136.08			
				75.60			
				317.1015			
2	Measurements Books of Accounts and Stationery Cancelled						
	[illegible] Cuvy 4)	1	60.00	0.50	—	54.00	
		1	40.00	0.50	—	36.00	
	Rly	1	60.00	0.50	—	54.00	

M. A. R. 57 (
Measureme

erial No. .....

ame of Work ..... From.....

ame of Contractor of nature of Agency .....

ate of commencement of work .....

Date	Full description, etc, of work	Number	Length
1	2	3	4
	Rly	1	52.00
	[illegible] Cuvy 4)s Qtr Ex 29/3/16/45 Rly	1	60.00
		1	38.00
		1	60.00
		1	44.00
	[illegible] Cuvy 4)	1	60.00
		1	48.00
	0.45	1	60.00
	[illegible] Cuvy 4)	1	48.00
		1	60.00
		1	20.00
		1	60.00
		1	28.00
	Certolem	60	
			538

021

SUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
1	60.00	0.45	0.40	10.80	
1	48.00	0.45	0.40	8.64	
1	60.00	0.45	0.40	10.80	
1	48.00	0.45	0.40	8.64	
1	60.00	0.45	0.40	10.80	
1	20.00	0.45	0.40	3.60	
1	60.00	0.45	0.40	10.80	
1	28.00	0.45	0.40	5.04	102.88
	Lulle b	136.084		143.73	
		75.64			
	3/7/1915				
	chaina				
1	60.00	0.30	—	54.00	
1	40.00	0.30	—	36.00	
1	60.00	0.30	—	54.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 340231

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	52.00	0.90	—	46.80	
	4th Cwy 4th	1	60.00	0.90	—	54.00	
		1	38.00	0.90	—	34.20	
		1	60.00	0.90	—	54.00	
		1	44.00	0.90	—	39.60	
	3rd Cwy	1	60.00	0.90	—	54.00	
		1	48.00	0.90	—	43.20	
		1	60.00	0.90	—	54.00	
		1	48.00	0.90	—	43.20	
	2nd Cwy	1	60.00	0.90	—	54.00	
		1	20.00	0.90	—	18.00	
		1	60.00	0.90	—	54.00	
		1	28.00	0.90	—	25.20	2380
	Centeleer					680.40	
						408.24	
						58.32	

MEASUREMENT BOOK

M. A. R. 57 (Ru
Measurement

erial No. .....
ame of Work ..... From.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3	providing and laying in position plain cement concrete (1:4:8) using 40 mm nominal size graded stone aggregate including curing complete as per specifications						
	Cross Beams	1	1 -	60.00	0.50	0.45 = 4.50	
			1 -	40.00	0.50	0.45 = 3.60	
			1 -	60.00	0.50	0.45 = 4.50	
			1 -	52.00	0.50	0.45 = 3.90	
			1 -	60.00	0.50	0.45 = 4.50	
			1 -	38.00	0.50	0.45 = 2.85	
			1 -	60.00	0.50	0.45 = 4.50	
			1 -	40.00	0.50	0.45 = 3.00	
			1 -	60.00	0.50	0.45 = 4.50	
			1 -	48.00	0.50	0.45 = 3.60	
			1 -	60.00	0.50	0.45 = 4.50	
			1 -	48.00	0.50	0.45 = 3.60	

Date	Full description, etc, of work	Dime	
		Number	Length
	2	3	4
	Cross	1	60.00
		1	40.00
		1	60.00
		1	28.00
	Cross	2	60.00
		2	40.00
		2	60.00
		2	52.00
		2	60.00
		2	38.00
		2	60.00
		2	40.00
		2	60.00
		2	48.00

SUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measureme 8
	Post for plain Cement Concrete for				
	Telephone Room at Ground Floor				
	Office at first floor Staff quarters				
	including C.C. Plain wall Cupola on Roof				
	& Cuddapah Color for Name of Railway Servants				
1	1 -	60-00	0-50	0-15 = 4-50	
	1 -	40-00	0-50	0-15 = 3-00	
	1 -	60-00	0-50	0-15 = 4-50	
	1 -	52-00	0-50	0-15 = 3-90	
	1 -	60-00	0-50	0-15 = 4-50	
	1 -	38-00	0-50	0-15 = 2-85	
	1 -	60-00	0-50	0-15 = 4-50	
	1 -	40-00	0-50	0-15 = 3-00	
	1 -	60-00	0-50	0-15 = 4-50	
	1 -	48-00	0-50	0-15 = 3-60	
	1 -	60-00	0-50	0-15 = 4-50	
	1 -	48-00	0-50	0-15 = 3-60	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

340232

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2nd/Cross LL	1	60-00	0-50	0-15	4-50	
		1	20-00	0-50	0-15	1-50	
		1	60-00	0-50	0-15	4-50	
	MS	1	28-00	0-50	0-15	2-10	
	Levelling Cross Walls LL	2	60-00	0-20	0-15	3-60	
		2	40-00	0-20	0-15	2-40	
	Slope 20/2/16. LL	2	60-00	0-20	0-15	3-60	
		2	52-00	0-20	0-15	3-12	
	Platform LL	2	60-00	0-20	0-15	3-60	
		2	38-00	0-20	0-15	2-28	
	MS	2	60-00	0-20	0-15	3-60	
		2	40-00	0-20	0-15	2-40	
	3rd/Cross LL	2	60-00	0-20	0-15	3-60	
		2	48-00	0-20	0-15	2-88	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	RJ	2	60.00	0.20	0.15	3.60	
		2	48.00	0.20	0.15	2.88	
	Gl/Ms RJ	2	60.00	0.20	0.15	3.60	
		2	20.00	0.20	0.15	1.20	
	RJ	2	60.00	0.20	0.15	3.60	
		2	28.00	0.20	0.15	1.68	4946891
	Measured Cubed			048	47.049	102.069	
	A. [illegible] 19/8/2015						
4J	Measuring of bays in public places Cement Concrete 1:2:4 Cubic Cement 0.240 by Cubic 20 mm all Graded Granite metal Cement aggregate 0.858 Cum of Sum aggregate 0.958 Cum measured in of Cement bags in bays Cost Sweeping Washing well Cleaning in foundation and Curing complete all Cubical Cost of measuring Curing Cement as per Specifications						

M. A. R. 57 (R
Measuremer

Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Di	
		Number	Length
1	2	3	4
	5th Cms 4J	1	60.00
		1	40.00
	RJ	1	60.00
		1	52.00
	4th Cms 4J	1	60.00
		1	38.00
	Ope RJ 29/3/16.	1	60.00
		1	40.00
	3rd Cms 4J	1	60.00
		1	48.00
	4J	1	60.00
		1	48.00
	Gl 1	1	60.00
		1	20.00
		1	60.00
		1	28.00

ber	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measuremer 8
	60.00	0.20	0.15	3.60	
	48.00	0.20	0.15	2.88	
	60.00	0.20	0.15	3.60	
	20.00	0.20	0.15	1.20	
	60.00	0.20	0.15	3.60	
	28.00	0.20	0.15	1.68	4946897
				102.06	
	048	47.00	4		

Public Road Culvert Jamua
0.240 by 4 at 20 numbers
work agreed 0.75 Cum each
with 1:2:4 Concrete base in bags
and Cement base in foundation and
Coban Tom of masonry Culvert

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	~~5~~ Culvert 4U	1	60.00	0.50	0.075	2.25	
		1	40.00	0.50	0.075	1.50	
	By	1	60.00	0.50	0.075	2.25	
		1	52.00	0.50	0.075	1.95	
	~~Add~~ Culvert 4U	1	60.00	0.50	0.075	2.25	
		1	38.00	0.50	0.075	1.42	
		1	60.00	0.50	0.075	2.25	
		1	40.00	0.50	0.075	1.50	
	3rd Culvert 4U	1	60.00	0.50	0.075	2.25	
		1	48.00	0.50	0.075	1.80	
		1	60.00	0.50	0.075	2.25	
	By	1	48.00	0.50	0.075	1.80	
	Culvert 1	1	60.00	0.50	0.075	2.25	
		1	20.00	0.50	0.075	0.75	
		1	60.00	0.50	0.075	2.25	
		1	28.00	0.50	0.075	1.05	

29/3/16.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Earthing Cuttings [illegible]	2	60.00	0.20	0.05	1.20	
		2	40.00	0.20	0.05	0.80	
		2	60.00	0.20	0.05	1.20	
		2	52 cm	0.20	0.05	1.04	
	[illegible] cm	2	60.00	0.20	0.05	1.20	
		2	38 cm	0.20	0.05	0.76	
		2	60.00	0.20	0.05	1.20	
		2	40.00	0.20	0.05	0.80	
	329 cm	2	60.00	0.20	0.05	1.20	
		2	48.00	0.20	0.05	0.96	
		2	60.00	0.20	0.05	1.20	
		2	48.00	0.20	0.05	0.96	
	[illegible] cm	2	60.00	0.20	0.05	1.20	
		2	20.00	0.20	0.05	0.40	
		2	60.00	0.20	0.05	1.20	
	Measurements Carried on	2	28.00	0.20	0.05	0.56	
						43.47 Cu	

M. A. R. 57 (R
Measuremer

Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	D
		Number
1	2	3
	Lifting Shuttering for beams [illegible]	
	[illegible]	
	Providing centering & shuttering [illegible]	
	[illegible]	

SUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measuremen 8
2	60.00	0.20	0.05	1.20	
2	40.00	0.20	0.05	0.80	
2	60.00	0.20	0.05	1.20	
2	52.00	0.20	0.05	1.04	
2	60.00	0.20	0.05	1.20	
2	38.00	0.20	0.05	0.76	
2	60.00	0.20	0.05	1.20	
2	40.00	0.20	0.05	0.80	
2	60.00	0.20	0.05	1.20	
2	48.00	0.20	0.05	0.96	
2	60.00	0.20	0.05	1.20	
2	48.00	0.20	0.05	0.96	
2	60.00	0.20	0.05	1.20	
2	20.00	0.20	0.05	0.40	
2	60.00	0.20	0.05	1.20	
2	28.00	0.20	0.05	0.56	2273.04
				43.47 Cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 340234

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Supplying Shuttering for beams and portion of roof slab in RCC 1:1.5:3 including cleaning, oiling and fixing in position complete as per drawing and direction of Engineer-in-charge						
	Beam No. 1 to 3	(2)				680.40	
	Beam No. 4	(2)				272.16	
						408.24 Sqm	
						30863.00	
	Measuring quantities for the purpose of payment under item (1 to 6) including cleaning and applying mould oil complete as per direction of Engineer-in-charge					680.40	
	Beam No. 1 to 3	(2)				408.24	
	Deduct overlapping with beam No. 4	(2)				272.16	
						639.36 Sqm	17400

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7	Providing two line dressing to sunk Shelves						
		1	10.00	0.30	–	9.00	
		1	20.00	0.90	–	18.00	
		1	20.00	0.90	–	18.00	
						45.00 Rft	38297
				0.857.04/Rft			
8	Providing cement Concrete 1:2:4 (1 cement 2 coarse sand (zone-III) 4 graded stone aggregate 20 mm nominal size) in Cupboard Shelves not exceeding 350 kg/m³ with cement content 1:4 including finishing with fine cement plaster of thickness 12 mm to 15 mm Cover & Dr 2485/850 in Type Sheet in Ceiling complete						
	1st Class 4	2	60.00	0.40	–	48.00	
		2	40.00	0.40	–	32.00	
	Rly	2	60.00	0.40	–	48.00	
		2	57.00	0.40	–	41.00	

M. A. R. 57 (Rul
Measurement B

rial No. .....
me of Work ..... From.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Dimen	
		Number	Length
	2	3	4
	2nd Class 4	2	60.00
		2	38.00
	Rly	2	60.00
		2	40.00
	3rd Class 4	2	60.00
		2	48.00
	Rly	2	60.00
		2	48.00
	4th Class 4	2	60.00
		2	20.00
	Rly	2	60.00
		2	28.00

SUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measuremen 8
1	10.00	0.90	–	9.00	
1	20.00	0.90	–	18.00	
1	20.00	0.90	–	18.00	
				45.00 Sqm	38297
		0.897.04(Rs			
2	60.00	0.40	–	48.00	
1	40.00	0.40	–	32.00	
2	60.00	0.40	–	48.00	
1	52.00	0.40	–	41.60	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

340235

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2nd Cross	2	60.00	0.40	–	48.00	
		2	38.00	0.40	–	30.40	
		2	60.00	0.40	–	48.00	
		2	40.00	0.40	–	32.00	
	3rd Cross	2	60.00	0.40	–	48.00	
		2	48.00	0.40	–	38.40	
		2	60.00	0.40	–	48.00	
		2	48.00	0.40	–	38.40	
	4th Cross	2	60.00	0.40	–	48.00	
		2	20.00	0.40	–	16.00	
		2	60.00	0.40	–	48.00	
		2	28.00	0.40	–	22.40	
				0.893.60		604.80 Sqm	600929

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
9	Supplying and fixing precast RCC lintels with CC(1:2:4) reinforcement as per design and checking lintels for level and plumb					Total lintels cast	
	Lintels Checked and Found Correct By 29/3/16.	40	1	0.60	0.30	54.00	
			1	0.40	0.30	36.00	
		24	1	0.60	0.30	54.00	
			1	0.52	0.30	46.80	
		24	1	0.60	0.30	54.00	
			1	0.38	0.30	34.20	
		24	1	0.60	0.30	54.00	
			1	0.40	0.30	36.00	
		24	1	0.60	0.30	54.00	
			1	0.48	0.30	43.20	
		24	1	0.60	0.30	54.00	
			1	0.48	0.30	43.20	
		24	1	0.60	0.30	54.00	
			1	0.20	0.30	18.00	1088640
		24	1	0.60	0.30	54.00	
						681.40 Cum	
				= 1600 Kg			

M. A. R. 57 (Rule 1
Measurement Boo

rial No. .....

me of Work ..... From.....

me of Contractor of nature of Agency .....

te of commencement of work .....

ate	Full description, etc, of work	Dimensio		
		Number	Length	Brea
	2	3	4	5
10	85 Nos of Jalakeys to be fixed in place of openings directed by the Supervisor as per the details of lintels shown in			
	Certificate			
(1)	Work checked & found satisfactory			
(2)	Measurements & dimensions checked & found correct			
(3)	Contractor has completed all the jalakeys fixing work as per the			

SUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
1	60.00	0.30	—	54.00	
1	40.00	0.30	—	36.00	
1	60.00	0.30	—	54.00	
1	52.00	0.30	—	46.80	
1	60.00	0.30	—	54.00	
1	38.00	0.30	—	34.20	
1	60.00	0.30	—	54.00	
1	40.00	0.30	—	36.00	
1	60.00	0.30	—	54.00	
1	48.00	0.30	—	43.20	
1	60.00	0.30	—	54.00	
1	48.00	0.30	—	43.20	
1	60.00	0.30	—	54.00	
1	20.00	0.30	—	18.00	1088640
1	60.00	0.30	—	54.00	
				680.40 Sqm	

= 1600 Sqm

M. A. R. 57 (Rule 116)
Measurement Book

No. B

340236

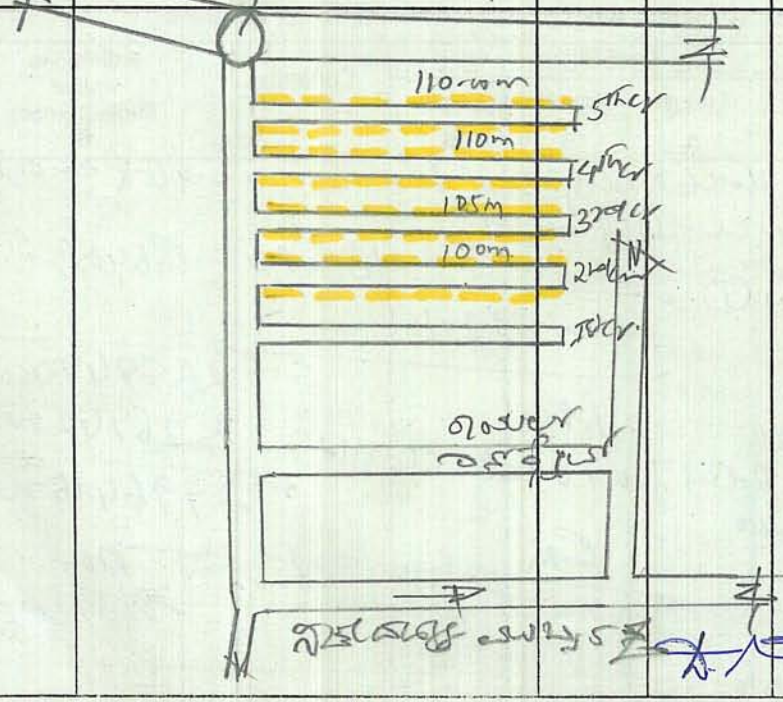
Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
10	Supply of delivery tube and plate of approved make all complete as directed by the Engineer in charge of work.					136084	1064/-
	Carried over				28.24 Sqm		26994740
	Certificates						296942
	(1) Workmen's Compensation Policy						2996416
	(2) Licence and Operating Engineer Certificate						
	(3) Contractor has cleared all labour dues						
							29/3/2016

ಮೂಲತಃ ಪರಿಶೀಲಿಸಲು ಮಾತ್ರವಾಗಿದೆ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



ಮಿಲಿಟರಿ ಎಂಜಿನಿಯರಿಂಗ್ ಸರ್ವಿಸಸ್
69, ದಾಸರಪಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಹೆಬ್ಬಾಳ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಾಳಲಾಂಬಾ, ಬೆಂಗಳೂರು - 560 07?

Bill No 08 of Pt

M. A. R. 57
Measurer

erial No. .....
ame of Work Improvements to ... Front
ame of Contractor of nature of Agency ...
ate of commencement of work ...

Date	Full description, etc, of work	
	2	
1	Earth work Spread	

Date

1	60.00
1	60.00
1	10.00
1	60.00
1	60.00
1	60.00
1	60.00